

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
13 October 2005 (13.10.2005)

PCT

(10) International Publication Number
WO 2005/095454 A1

(51) International Patent Classification⁷: **C07K 16/00**, A61K 39/395, G01N 33/53

(21) International Application Number:
PCT/US2005/010085

(22) International Filing Date: 25 March 2005 (25.03.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/556,466 25 March 2004 (25.03.2004) US

(71) Applicant (for US only): **DIADEXUS, INC.** [US/US]; 343 Oyster Point Boulevard, South San Francisco, CA 94080 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **FAN, Rong** [CN/US]; 1037 Rockport Avenue, Redwood City, CA 94065 (US). **KIM, Nam** [CA/US]; 1187 Doyle Circle, Santa Clara, CA 95054 (US). **WOLFERT, Robert, L.** [US/US]; 3582 Arbutus Avenue, Palo Alto, CA 94303 (US). **PILKINGTON, Glenn** [AU/AU]; 6 Allara Street, Rye, VIC 3941 (AU).

(74) Agents: **LICATA, Jane, Massey et al.**; Licata & Tyrrell P.C., 66 East Main Street, Marlton, NJ 08053 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 2005/095454 A1

(54) Title: LNG105 ANTIBODY COMPOSITION AND METHODS OF USE, AND USE OF LNG105 TO ASSESS LUNG CANCER RISK

(57) Abstract: This invention relates to a method for assessing risk of lung and/or breast cancer. Specifically, in one embodiment it relates to utilizing Lng105 to determine the risk of lung cancer. Specific antibodies are disclosed.